

NEORS D 2020 GREEN INFRASTRUCTURE GRANT

**Rural Advisory Council
September 27, 2019**

ACTION REQUESTED

No action requested. This item is for presentation and discussion.

PREVIOUS ACTION

None

BACKGROUND



BACKGROUND



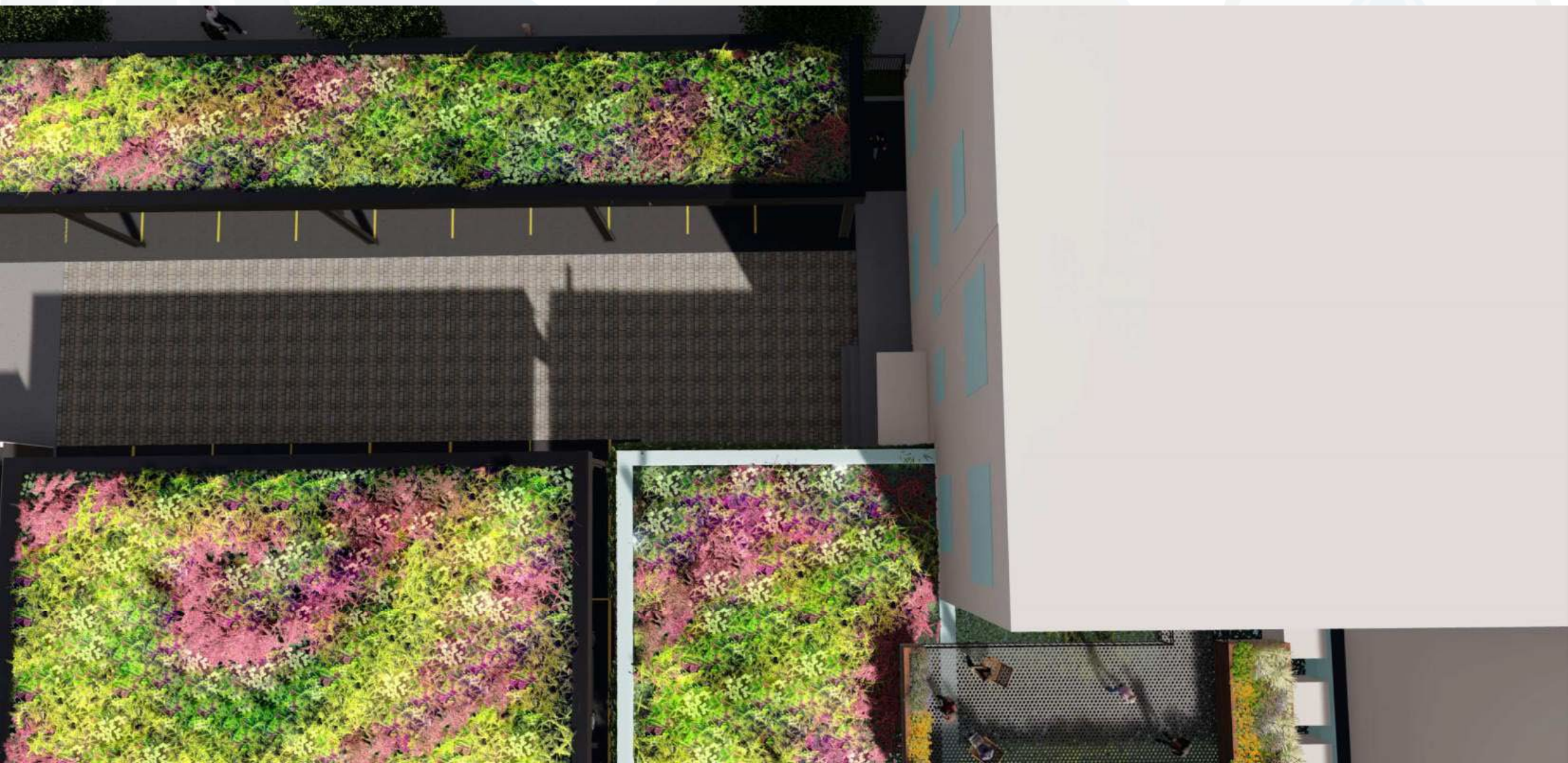
5-27



BACKGROUND



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NET ZERO COOL PROPOSAL

PHASE I (BUILDING) (\$360,000)

Project A (One-story extensive green roof system with usable outdoor space accessible via second floor) - \$210,000

Project B (Roof water collection with bioretention) - \$150,000

PHASE II (PARKING LOT) (\$350,000)

Project A (Parking Lot Porous Paving/Center Drive Aisle) – \$140,000

Project B (Carport structures with extensive green roof) - \$210,000

PHASE III (WALLS “RIBBON THAT WRAPS THE PACKAGE” (\$95,000)

Project A (One-story building extensive green wall system) - \$35,000

Project B (Three-story building mural) - \$60,000

ANNUAL RUNOFF REDUCTION

RAINFALL (36.71")



NOACA SITE (29.58")



COMBINED SCM REDUCTION (17.14")

EVAPORATION AND
TRANSPIRATION (7.13")



POST-SCM
RUNOFF (12.44")



TOTAL SCM REDUCTION: 58%

NEXT STEPS

- SEPTEMBER 6, 2019 – Proposal submitted to NEORSD
- SEPTEMBER 19, 2019 – Design-Build RFP posted
- OCTOBER 1, 2019 – Pre-Bid Meeting at NOACA
- OCTOBER 21, 2019 – Design-Build proposals due
- OCTOBER 24, 2019 – Design-Build team selected
- NOVEMBER 8, 2019 – Finance & Audit Committee
- NOVEMBER ?, 2019 – NEORSD GIG Awards announced
- DECEMBER 13, 2019 – NOACA Board Meeting (if awarded)
- DECEMBER 16, 2019 – Design begins (“)
- JANUARY 1, 2020 – Award period begins (“)
- MARCH 31, 2020 – Construction begins (“)
- MARCH 31, 2021 – Construction concludes (“)



NOACA will **STRENGTHEN** regional cohesion, **PRESERVE** existing infrastructure, and **BUILD** a sustainable multimodal transportation system to **SUPPORT** economic development and **ENHANCE** quality of life in Northeast Ohio.

